



California Regional Water Quality Control Board

Central Valley Region



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21 May 2004

David Pratt
dkcellars Winery
4054 Sayoma Lane
Placerville, CA 95667

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106, DKCELLARS, EL DORADO COUNTY

Regional Board staff have reviewed your 23 April 2004 Report of Waste Discharge (RWD) for coverage under Regional Board Resolution No. R5-2003-0106, *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region*. The RWD included a Notice of Non-Applicability for compliance with the stormwater General Permit and an \$872 filing fee. Our review finds the RWD to be complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed) is a conditional waiver of waste discharge requirements for small food processors, including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of grapes crushed and wastewater produced.

Discharge Description

The dkcellars winery is on land owned by David Pratt, at 7380 Vineyard View Drive in Fairplay, El Dorado County. Approximately 1,500 cases of wine will be produced annually, and approximately 14,000 gallons of wastewater will be generated annually at the facility. All activities producing wastewater will be conducted under the cover of a permanent roof structure and/or inside a covered building. Process wastewater is collected in two floor drains, one inside the winery building and one under a roof adjacent to the building, and flows via gravity to a sump where solids are screened out. Wastewater from the sump is transferred via a sump pump into two 1,100 gallon above ground storage tanks. The storage tanks are equipped with site gauges to monitoring liquid levels in the tanks to prevent potential tank overflows. Wastewater will only be transferred to the storage tanks when winery staff are on site.

Wastewater will be disposed of, via a gravity fed drip irrigation system, to an existing 0.5 acre vineyard within the 29 acre parcel. Each of the 130 vines will have a one-gallon per hour drip emitter. Approximately 22 hours of operation will be required to dispose the maximum monthly flow of 2,800 gallons. The winery typically waters each vineyard for 30-36 hours per week, which is equivalent to a hydraulic loading rate of 1.6 inches per hour. Typical soil absorption rates for El Dorado County are 0.6 to 2.0 inches per hour.

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Solid waste (stems, pumice, culls, and lees) produced daily will be collected and stored in watertight covered bins or in processing areas under a roof. Solids will be transported by a front-end loader to the disposal areas at least once per week or more frequently if an objectionable odor is detected. Solids will be disked into the soil between the rows of vines. Two disposal areas of approximately two acres each will be used to dispose of solids. Solid disposal to each area will be alternated annually. The disposal areas selected are in areas that are away from any surface drainage courses and creeks. Additional disposal areas are available if necessary in other existing vineyards.

Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the method of wastewater disposal. Therefore, this letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. As described therein, an annual report must be submitted by **1 February of each year**.

If the discharge violates the terms or conditions of the waiver, the Regional Board may take enforcement action, including assessment of administrative civil liability. If the method of winery wastewater and solids disposal change from those described in the RWD, you must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time you must submit a new RWD with filing fee to renew the waiver, or cease the discharge.

If you have any questions, please contact Scott Kranhold at (916) 464-4689.

--Original Signed By--

THOMAS R. PINKOS
Executive Officer

Enclosure: General Order No. R5-2003-0106

cc w/o enc: John Morgan, El Dorado County Environmental Health Department, Placerville
Mark Montgomery, Carlton Engineering, Inc., Shingle Springs